11-17-00

MOV 2 2 2000

In the United States Patent and Trademark Office

TECH CENTER 1600/29190

e Application of: Behan, D. et al.

Serial No.: **09/060,188**

Filed: **April 14,1998**

Art Unit:1646

Examiner: Basi, N

A Method of Identifying Modulators of Cell Surface Membrane Receptors Useful In The

Treatment of Disease

Director of Patents and Trademarks Washington, D.C. 20231

Sir:

TRANSMITAL LETTER

Transmitted herewith for filing in the above-identified patent application are the following:

1) Response to Official Action Dated May 10, 2000 ("Response")

The Response includes Appendix A through I, each separated by "blue sheets" and the following documents:

- (a) Declaration of Stanley J. Watson, M.D., Ph.D. (including Appendix A; Appendix B (B1-B3); Appendix C; Appendix D (D1-D2), each separated by "green sheets".
- (b) Formalized Figure 12.
- (c) Sealed Envelope Titled, "Proprietary Material Not Opened to the Public. To Be opened only By Examiner or Other Authorized Patent And Trademark Office Employee".
- (d) In re Oetiker, 977 F.2d 1443 (Fed. Cir. 1992).
- (e) Written Description Guidelines and Utility Guidelines, Kunin, S.G., 82 JPTOS 77 (2000).
- (f) G protein-coupled receptors in silico, Horn, F. et al., 76 Mol. Med. 464 (1998).
- (g) Use of Constitutive G Protein-Coupled Receptor Activity for Drug Discovery, Chen, G. et al., *Mol. Pharm.* 57:125-134 (2000).
- (h) Analysis of large gene databases for discovery of novel therapeutic agents, Browne, M.J., J. Biotechnology 247 (2000).
- (i) Orphan receptors, novel neuropeptides and reverse pharmaceuticals research, Civelli O. et al., 848 (1-2) *Brain Res* 63 (1999).
- (j) Constitutively active receptors as a disease-causing mechanism, Parma, J. et al., 100 Mo. Cell. Endocrin. 159 (1994).

NOV 2 2 2000

2) Authorization of Power of Attorney
Authorization of Power of Attorney for Ann A. Nguyen filed herewith.

TECH CENTER 1600/2900



3) Revocation of Power of Attorney

Copy of Revocation of Power of Attorney for Laurence Weinberger and Power of Attorney or Authorization of Agent both filed on October 14, 1999.

4) Request for Three Month Extension

- (a) Petition for Extension of Time Under 37 C.F.R. 1.136(a) ("Petition")
- (c) Duplicate Copy of the Petition

Respectfully submitted,

Ann A. Nguyen

Intellectual Property Manager Arena Pharmaceuticals, Inc. USPTO Reg. No. 46,087

Date: November 13, 2000